

We claim:

1. A method for transmitting data in a network, comprising the steps,
performed by a processor, of:

receiving a set of fixed-length characters;

5 converting each fixed-length character into a multibyte character to determine
a length corresponding to the multibyte characters; and

transmitting the length and the multibyte characters.
2. The method of claim 1, wherein the step of converting comprises the
10 steps of:

converting each fixed-length character into a multibyte character; and

determining a length corresponding to the multibyte characters
3. The method of claim 2, wherein the step of determining comprises the
15 step of determining a length of the string of multibyte characters by converting the
string to UTF-8 encoding format.
4. The method of claim 1, wherein the step of transmitting comprises the
20 steps of:

converting each fixed-length character into a multibyte character; and

transmitting the length and the multibyte characters.

5. An apparatus for transmitting data in a network between a client and a server, comprising:

a receiver configured to receive a set of fixed-length characters;

a converter configured to convert each fixed-length character into a multibyte character to determine a length corresponding to the multibyte characters; and

a transmitter configured to transmit the length and the multibyte characters.

6. The apparatus of claim 5, wherein the converter comprises:

a converter configured to convert each fixed-length character into a multibyte character; and

a determining component configured to determine a length corresponding to the multibyte characters

7. The apparatus of claim 6, wherein the determining component configured to determine comprises a determining component configured to determine a length of the string of multibyte characters by converting the string to UTF-8 encoding format.

8. . The apparatus of claim 5, wherein the transmitter configured to transmit comprises:

a converter configured to convert each fixed-length character into a multibyte character; and

5 a transmitter configured to transmit the length and the multibyte characters.

9. A computer program product comprising:

a computer-usable medium having computable readable code embodied therein for transmitting data in a network between a client and a server, the computer program product comprising the steps, performed by a processor, of:

receiving a set of fixed-length characters;

converting each fixed-length character to a multibyte character;

determining a length corresponding to the multibyte characters; and

transmitting the length and the multibyte characters.

10. The product of claim 9, wherein the step of converting comprises the steps of:

converting each fixed-length character to a multibyte character; and

determining a length corresponding to the multibyte characters.

11. The product of claim 10, wherein the step of determining comprises the step of determining a length of the string of multibyte characters by converting the string to UTF-8 encoding format.

12. The product of claim 9, wherein the step of transmitting comprises the steps of:

converting each fixed-length character into a multibyte character; and

transmitting the length and the multibyte characters.

13. . A system for transmitting data in a network comprising:

means for receiving a set of fixed-length characters;

means for converting each fixed-length character into a multibyte character to

determine a length corresponding to the multibyte characters; and

means for transmitting the length and the multibyte characters.

14. The system of claim 13, wherein the means for converting comprises:

means for converting each fixed-length character into a multibyte character;

and

means for determining a length corresponding to the multibyte characters;

15. The system of claim 14, wherein the means for determining comprises

a means for determining a length of the string of multibyte characters by converting
the string to UTF-8 encoding format.

16. The system of claim 13, wherein the means for transmitting comprises:

means for converting each fixed-length character into a multibyte character;

and

means for transmitting the length and the multibyte characters.